



NOTES:

1. MODIFIED FROM MDC FLANGE #110030 OR EQUAL.
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
3. FOR COMPLETE SPECIFICATIONS ON MACHINING, CLEANING, VACUUM REQUIREMENTS, TESTING AND DELIVERY PREPARATION, SEE ANL DOCUMENT #410201-00095.
4. TO PROVIDE FLATNESS AS REQUIRED, MACHINE GROOVE AFTER WELDING. SEE DRAWING P41005091507-220101
5. DIMENSIONS IN BRACKETS [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

SUGGESTED SOURCE

MDC VACUUM PRODUCTS CORP.
23842 CABOT BLVD.
HAYWARD, CA 94545-1651
PHONE: (800)-443-8817
FAX: (910)-383-2023

3	FINISH MARK #4 WAS #16	RAF	CB	7/96
2	DIM WAS 3.393	RF	CB	1/96
1	.46 DIM WAS .21	RK	CB	7/95
1	MIRRORED HOLE LOC, ADDED DIM	RK	CB	7/95
BYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS .015 [.381] .010 [.254] .005 [.127] FRACTIONS 1/32 .001 [.025] 3/32 .002 [.051] SURFACE ROUGHNESS 125				
LOG NUMBER A2231303				
THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY				
PARTS LIST				
DRAWN BY R. KRAKORA				
DATE 3/95				
CHIEF DESIGN ENGINEER D.SHU				
DATE 3/95				
CHECKED BY C. BRITE				
DATE 3/95				
DESIGNER R. KRAKORA				
DATE 3/95				
RESPONSIBLE ENGINEER C. BRITE				
DATE 3/95				
APPROVED/RELEASED				
MATERIAL SEE NOTE 1				
SCALE 1:1				
SHEET 1 of 1				
TITLE ADVANCED PHOTON SOURCE L7 SOFT X-RAY VERTICAL EXIT SLIT 8" NON-ROTATABLE FLANGE MODIFIED				
DRAWING NUMBER P4105091507-220101-03				